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|----------|------|--|------------------------------|---------------------|---------|------------------|
| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
| S3 | 5 | S1 and (((base adj station) same antenna same sector) and phase and (field near2 strength)) | US-PGPUB; USPAT | OR | ON | 2005/07/14 14:28 |
| S4 | 1 | S1 and (((base adj station) same antenna same sector same height) and phase and (field near2 strength)) | US-PGPUB; USPAT | OR | ON | 2005/07/14 14:28 |
| S5 | 1 | (((base adj station) same antenna same sector same height) and phase and (field near2 strength)) | US-PGPUB; USPAT | OR | ON | 2005/07/14 14:28 |
| S6 | 23 | (((base adj station) same antenna same sector) and phase and (field near2 strength)) | US-PGPUB; USPAT | OR | ON | 2005/07/14 14:28 |
| S7 | 7 | (((base adj station) same antenna same sector) and phase and (field near2 strength)) and height | US-PGPUB; USPAT | OR | ON | 2005/07/14 14:29 |
| S8 | 7 | (((base adj station) same antenna same sector) and phase and (field near2 strength)) and (height or hieght) | US-PGPUB; USPAT | OR | ON | 2005/07/14 14:31 |
| S9 ' | 236 | ((base adj station) same antenna same sector) and (height or hieght) | US-PGPUB; USPAT | OR | ON | 2005/07/14 14:32 |
| S10 | 35 | ((base adj station) same antenna same sector same (height or hieght)) | US-PGPUB; USPAT | OR | ON | 2005/07/14 14:34 |
| S11 | 1178 | ((base adj station) with antenna) and S1 | US-PGPUB; USPAT | OR | ON | 2005/07/14 14:34 |
| S12 | 395 | ((base adj station) adj antenna) and S1 | US-PGPUB; USPAT | OR | ON | 2005/07/14 14:34 |
| S13 | 37 | ((base adj station) adj antenna) and S1 and sector and height | US-PGPUB; USPAT | OR | ON | 2005/07/14 14:37 |
| S15 | 0 | ("2003/0003959").URPN. | USPAT | OR | ON | 2005/07/14 14:37 |
| S14 | 53 | (base near1 station near1 antenna). ti. | US-PGPUB; USPAT | OR | ON | 2005/07/14 14:38 |
| S16 | . 4 | ("5073971" "5185739" "5850608" "5901356").PN. OR ("6400955").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 14:38 |
| S17 | . 0 | (((base near1 station near1 antenna).ti.) same sector) and height | US-PGPUB; USPAT | OR | ON | 2005/07/14 14:39 |
| S18 | 2 | (((base near1 station near1 antenna).ti.) same sector) | US-PGPUB; USPAT | OR | ON | 2005/07/14 14:39 |
| S19 | 27 | ((base near1 station near1 antenna).ti.) and (sector) | US-PGPUB; USPAT | OR | ON | 2005/07/14 14:39 |

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|-----|--------------|---|--------------------|----|----|------------------|
| S20 | 0 | ((base near1 station near1 antenna).ti.) and (sector same height) | US-PGPUB; USPAT | OR | ON | 2005/07/14 14:40 |
| S21 | . 5 | ((base near1 station near1 antenna).ti.) and (sector and height) | US-PGPUB; USPAT | OR | ON | 2005/07/14 14:40 |
| S22 | 0 | ((base near1 station near1 antenna).ti.) and (sector and height) and ring | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:02 |
| S24 | 33 | ((base adj station) same antenna same sector) and height and ring and angle | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:03 |
| S23 | . 44 | ((base adj station) same antenna same sector) and height and ring | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:04 |
| S25 | 0 | ((base adj station) same antenna same sector) and height and ring and ("72" adj sectors) | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:04 |
| S26 | 0 | ((base adj station) same antenna) and ("72" adj sectors) | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:04 |
| S27 | 38 | ((base adj station) same antenna) and ("72" with sectors) | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:05 |
| S28 | . 22 | ((base adj station) same antenna) and ("72" near5 sectors) | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:06 |
| S29 | 3401 | ((base adj station) same antenna) and (sectors) | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:06 |
| S30 | 1844 | ((base adj station) same antenna same sectors) | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:06 |
| S32 | 142 | ((base adj station) same antenna same sectors) and height and angle | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:07 |
| S33 | 122 | ((base adj station) same antenna same sectors) and height and angle and field | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:07 |
| S34 | 8 | ((base adj station) same antenna same sectors) and height and angle and (field adj strength) | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:08 |
| S35 | 3 | ((base adj station) same antenna same sectors) and height and angle and (field adj strength) and ((base adj station) near4 height) | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:15 |
| S36 | 1135 | ((base adj station) with antennas with sectors) | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:16 |
| S37 | 10 | ((base adj station) with antennas with sectors with height) | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:16 |
| S38 | 17 | ((base adj station) with antennas with sectors) same height | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:17 |
| S39 | 7 | ((base adj station) with antennas with structure) same height | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:17 |

| S40 | 372 | ((base adj station) with antennas with structure) | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:17 |
|-----|------------|---|--------------------|-----|----|------------------|
| S41 | 4 | ((wireless or cellular) near2 communication) and ((base adj station) with antennas with structure) same height | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:17 |
| S1 | 2344 | 455/561,562.1,575.7.ccls. | US-PGPUB; USPAT | OR: | ON | 2005/07/14 15:27 |
| S2 | 477 | 455/561 and 455/562.1.ccls. | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:27 |
| S42 | 1949 | 455/561,562.1.ccls. | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:27 |
| S43 | 1202 | 455/561.ccls. | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:27 |
| S44 | 1051 | 455/561.ccls. and (base adj station) | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:27 |
| S45 | 7 | 455/561.ccls. and ((base adj station) same sectors same height) | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:33 |
| S47 | 1 | "4249181".pn. | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:33 |
| S46 | 1 | "6151310".pn. | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:54 |
| 548 | 1 | "3836977".pn. | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:55 |
| 549 | 372 | (base adj station) with (antenna) with structure | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:55 |
| S50 | 45 | (base adj station) near2 antenna near2 structure | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:56 |
| S51 | 523 | (base adj station) near2 antenna with sectors | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:56 |
| S52 | 123 | S1 and ((base adj station) near2 antenna with sectors) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:01 |
| S53 | , 0 | ((base adj station) with (antennas) with site with area with sectors with height) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:02 |
| S54 | 10 | ((base adj station) with (antennas) with sectors with height) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:05 |
| S55 | 112 | ((base adj station) near2 height) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:05 |
| S56 | 45 | ((base adj station) near2 height) and sectors | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:09 |
| S57 | 37 | ((base adj station) near2 height) and sectors same antenna | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:09 |
| S58 | 37 | ((base adj station) near2 height) and sectors same antennas | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:10 |

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|-----|-------|---|------------------------------|----|----|------------------|
| S59 | 36 | ((base adj station) with height with "300") or (antenna with height with "300") | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:12 |
| S60 | 52 | ((base adj station) with height with "100") or (antenna with height with "300") | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:12 |
| S61 | 38 | ((base adj station) with height with "100" near1 (meter or metre)) or (antenna with height with "300") | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:13 |
| S62 | . 38 | ((base adj station) with height with ("100" near1 (meter or metre))) or (antenna with height with "300") | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:18 |
| S63 | 119 | (antennas with sectors) and ring and height | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:22 |
| S64 | 5 | (antennas same sectors) and (height with ("300" adj feet)) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:23 |
| S65 | 22 | (antennas same sectors) and (height near2 feet) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:41 |
| S66 | 4521 | (antennas with (ring or circle)) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:41 |
| S67 | 305 | (antennas with (ring or circle) with concentric) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:41 |
| S68 | 305 | (antenna with (ring or circle) with concentric) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:43 |
| S69 | 30 | (antenna with (ring or circle) with concentric) and (base adj station) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:45 |
| S70 | . 0 | (antenna near2 on near2 (ring or circle) with concentric) and (base adj station) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:45 |
| S71 | 0 | (antenna near2 on near2 (ring or circle)) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:45 |
| S72 | 69131 | (antenna with on or (consist or comprise) with (ring or circle)) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:46 |
| S73 | 206 | (antenna with (on or consist or comprise) with (ring or circle)) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:46 |
| S74 | 21 | (antenna with (on or consist or comprise) with (ring or circle) with concentric) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:46 |
| S75 | 12 | ("2577469" "2954559" "3836977" "4405928" "5200759" "5204688" "5418545").PN. OR ("6088002").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 16:48 |
| S76 | 445 | antenna and dipole near4 array and (ring or circle) | US-PGPUB; USPAT | OR | ON | 2005/07/15 11:17 |
| S77 | 126 | antenna and dipole near4 array and (ring or circle) and (tower or (base adj station)) | US-PGPUB; USPAT | OR | ON | 2005/07/15 11:17 |

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|---------|------|---|--------------------|--------------|------|------------------|
| S78 | 78 | "343"/\$.ccls. and (antenna and dipole near4 array and (ring or circle) and (tower or (base adj station))) | US-PGPUB; USPAT | OR | ON | 2005/07/15 11:19 |
| S79 | 340 | "343"/\$.ccls. and ((parasitic or reflector or director) near2 antenna) and (monpole or dipole) and (ground adj plane) | US-PGPUB; USPAT | OR | ON . | 2005/07/15 11:20 |
| S80 | 9 | "343"/\$.ccls. and ((parasitic or reflector or director) near2 antenna) with (monpole or dipole) same (ground adj plane) | US-PGPUB; USPAT | OR | ON | 2005/07/15 11:22 |
| S81 | 224 | "343"/\$.ccls. and ((parasitic or reflector or director) near2 antenna) with (monpole or dipole) | US-PGPUB; USPAT | OR | ON | 2005/07/15 11:34 |
| S83 | 2992 | "343"/\$.ccls. and (spacing same antenna) | US-PGPUB; USPAT | OR | ON | 2005/07/15 11:44 |
| S84 | 672 | "343"/\$.ccls. and (spacing near2 antenna) | US-PGPUB; USPAT | OR | ON | 2005/07/15 11:45 |
| S85 | 82 | "343"/\$.ccls. and (spacing near2 antenna) same (dipole or monopole) | US-PGPUB; USPAT | OR | ON | 2005/07/15 11:45 |
| S82 | 57 | "343"/\$.ccls. and (spacing same antenna same concentric) | US-PGPUB; USPAT | OR | ON . | 2005/07/15 14:08 |
| S86 | 4 | "6088002" | US-PGPUB; USPAT | OR | ON | 2005/07/15 14:08 |
| S87 | 1 | "6088002".pn. | US-PGPUB; USPAT | OR | ON | 2005/07/15 15:42 |
| S88 | 1 | "20030003959" | US-PGPUB; USPAT | OR . | ON | 2005/07/15 15:58 |
| S89 | 4 | ("72" adj sectors) and antenna | US-PGPUB; USPAT | OR | ON | 2005/07/15 16:00 |
| L1 | 1 | "6088002".pn. | US-PGPUB; USPAT | OR | ON | 2005/07/16 15:13 |
| L2 | 1 | "20030003959" | US-PGPUB; USPAT | OR | ON | 2005/07/16 15:40 |
| L3 | 1 | "6088002".pn. | US-PGPUB; USPAT | OR | ON | 2005/07/16 15:40 |